FIG. 1

FIG. 2

Device control apparatus ~100

Application storage unit ~110

Condition definition table storage unit ~111

Use situation association table storage unit ~113

Application obtainment unit ~101

Interpretation unit ~102

Condition definition table obtainment unit ~103

Use situation association table obtainment unit ~107

Specification association table obtainment unit ~104

Specification association table storage unit ~112

Specification-conforming device identification unit ~105

Use situation-conforming device identification unit ~106

Device identification unit ~108

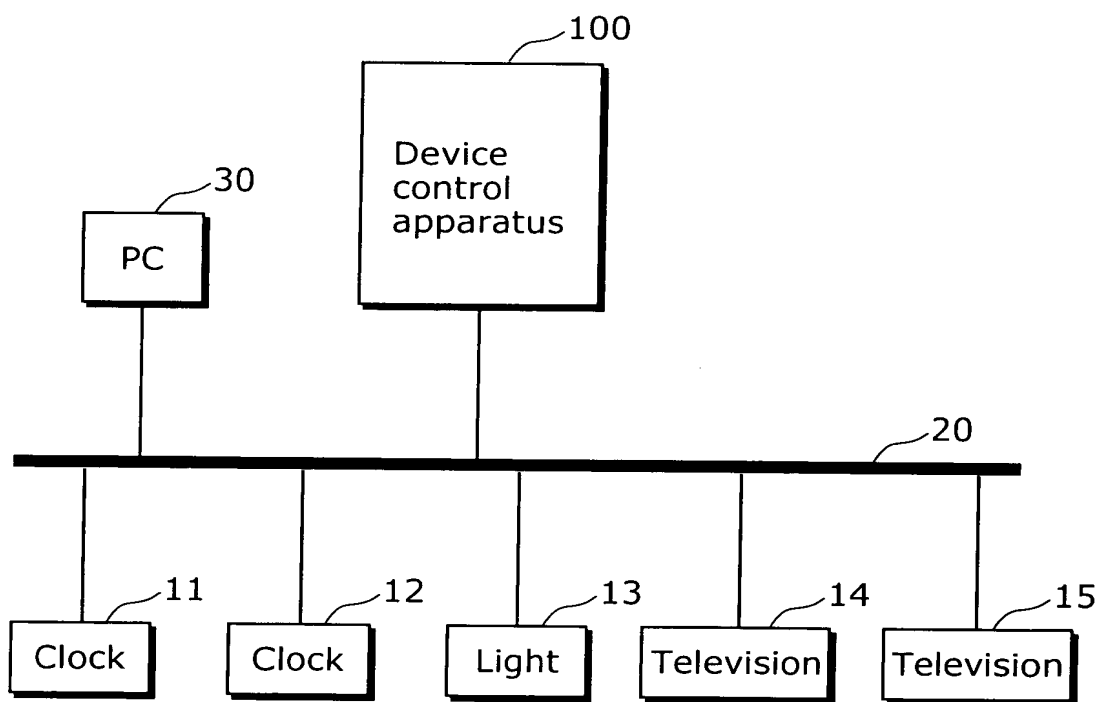Device control unit ~109

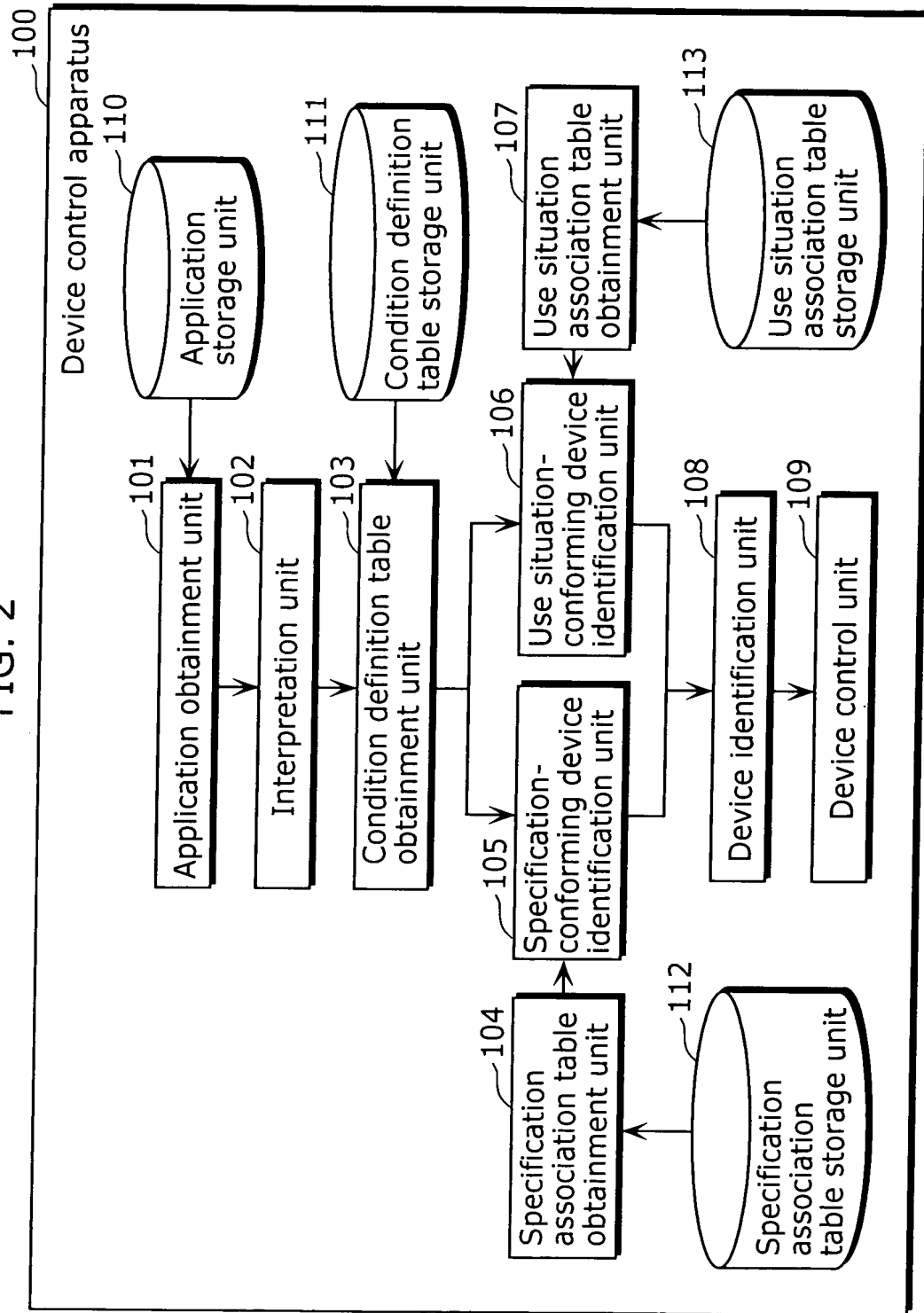# FIG. 3

Tardiness prevention application

```
TimeKeeper. detectWakeupTime ();    ← L01
WakeUpper. Wakeup ();               ← L02
Chef. serveBreakfast ();            ← L03
. . .
```

FIG. 4

Condition definition table (for the WakeUpper)

Specification condition	Use situation condition
Alarm function	Use location: Bedroom Use time: Morning

FIG. 5

Specification association table (Yes:Y, No:N)

	Alarm function	Light function	On-timer reproduction function
Clock 11	Y	N	N
Clock 12	Y	N	N
Light 13	N	Y	N
Television 14	N	N	Y
Television 15	N	N	Y

FIG. 6

Use situation association table

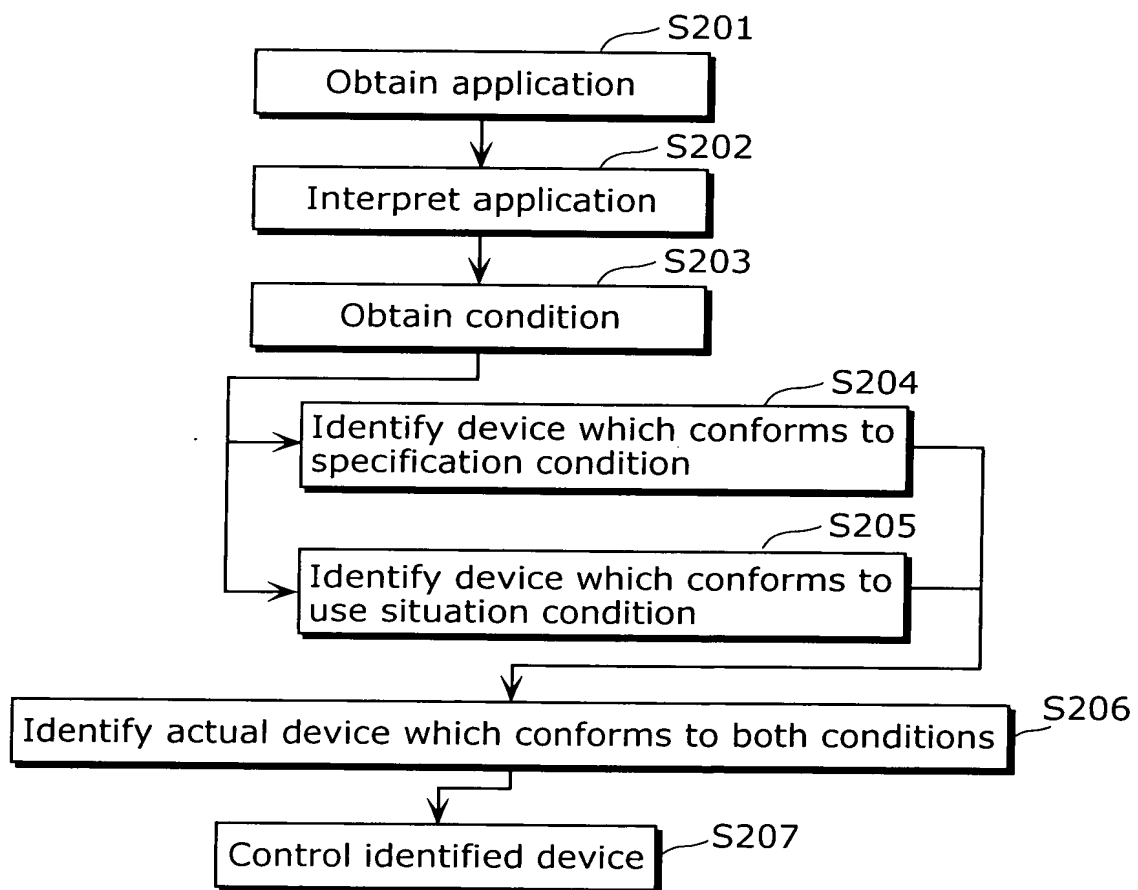| Device	Use location	Use time	Situation
Clock 11	Kitchen	Morning, Evening	No record of manipulation
Clock 12	Bedroom	Morning, Night	Manipulate every morning
Light 13	Bedroom	Night	Manipulate every night
Television 14	Kitchen	Morning, Evening, Night	Manipulate every evening
Television 15	Bedroom	Morning, Night	Manipulate every night

FIG. 7

Obtain application — S201

↓

Interpret application — S202

↓

Obtain condition — S203

↓

Identify device which conforms to specification condition — S204

Identify device which conforms to use situation condition — S205

↓

Identify actual device which conforms to both conditions — S206

↓

Control identified device — S207

FIG. 8

Device control apparatus 100

Application storage unit 110

Condition change unit 120

Condition definition table storage unit 111

Use situation association table obtainment unit 107

Use situation association table storage unit 113

Application obtainment unit 101

Interpretation unit 102

Condition definition table obtainment unit 103

Use situation-conforming device identification unit 106

Specification-conforming device identification unit 105

Device identification unit 108

Device control unit 109

Specification association table obtainment unit 104

Specification association table storage unit 112
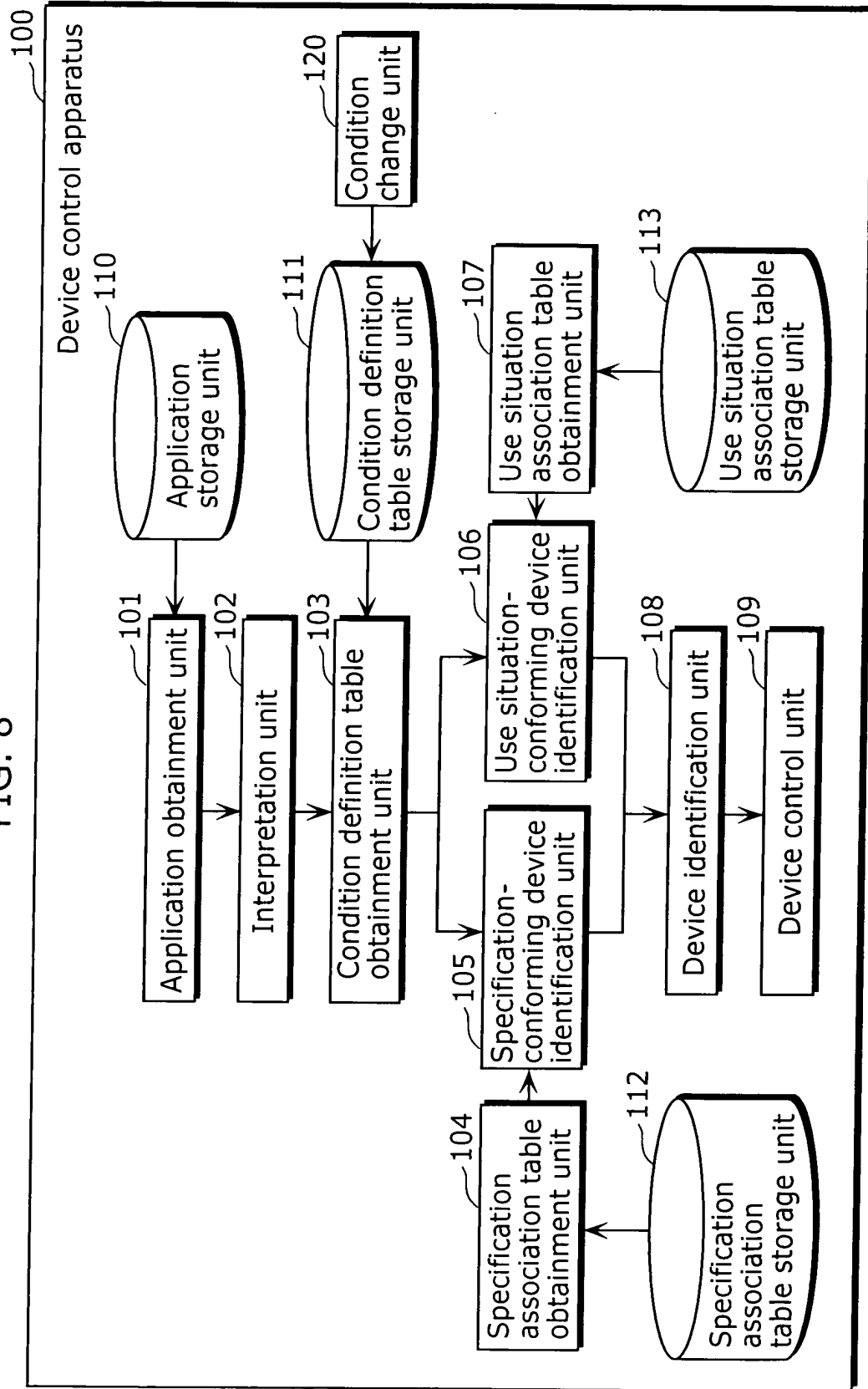
FIG. 9

WakeUpper

[Specification condition]

⦿ Alarm   ○ Light   ○ On-timer reproduction
   function   function   function

[Use situation condition]

(Use location)   ○ Kitchen   ⦿ Bedroom   ○ Living room

(Use time)   ☑ Morning   ☐ Daytime   ☐ Evening   ☐ Night

FIG. 10

Condition definition table (for the WakeUpper)

Specification condition	Use situation condition
On-timer reproduction function	Use location: Bedroom Use time: Morning

FIG. 11

Device control apparatus 100

Application storage unit 110

Condition definition table storage unit 111

Use situation association table obtainment unit 107

Use situation association table storage unit 113

Application obtainment unit 101

Interpretation unit 102

Condition definition table obtainment unit 103

Use situation-conforming device identification unit 106

Device identification unit 108

Device control unit 109

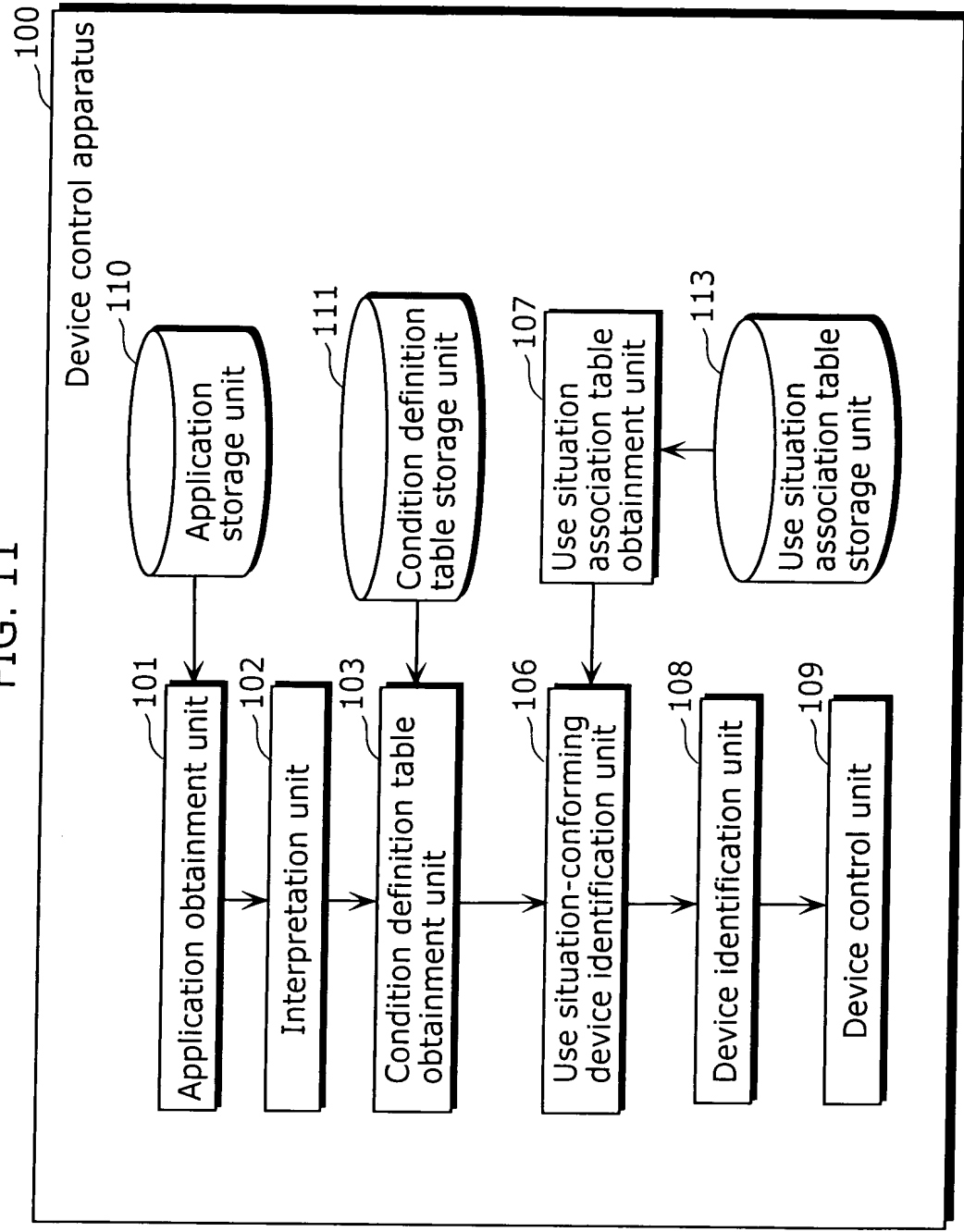## FIG. 12

Specification association table (Yes:Y, No:N)

	Alarm function	Light function	On-timer reproduction function	Mass	Color
Clock 11	Y	N	N	100g	Black
Clock 12	Y	N	N	320g	White
Light 13	N	Y	N	870g	White
Television 14	N	N	Y	20kg	Black
Television 15	N	N	Y	3.2kg	Silver

FIG. 13